

Mobile surveillance

VACRON
ADVANCES IN SECURITY SOLUTIONS

2023

www.vacron.com

*We offer total solutions
in surveillance system.*



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Dual AI ADAS+DSM



Safer Driving Upgraded with Surround View

With industry-leading skill of distortion-free and lag-free, the 360° surrounding image is created by an algorithm that works in tandem with physical 3D technology to achieve a three-dimensional, dead-angle-free surrounding view. It optimizes the overall visual effect.





8ch

VVH-MD82D

- 1080P
- H.265
- 4G/WiFi
- GPS
- Alarm I/O
- G-Sensor
- ADAS
- DSM
- AI Application
- SSD/HDD



8ch

VVH-MD86D

- 1080P
- 4G/WiFi
- GPS
- Alarm I/O
- ADAS
- DSM
- SD卡
- HDD
- SSD



8ch

VVH-MDE83

- 1080P
- H.265
- 4G/WiFi
- GPS
- Alarm I/O
- 6-Axis Sensor
- ARM/MCU
- SD Card built-in



4ch

VVH-MDE304

- 1080P
- H.265
- 4G/WiFi
- GPS
- G-Sensor
- Alarm I/O
- AI Application
- Support Dual SD Cards



4ch

VVH-MDE46

- 1080P
- WiFi
- GPS
- G-Sensor
- Alarm Inputx4
- VGA/CVBS
- RS-232
- SD Card

8ch

VVH-MDE308

- 1080P
- H.265
- 4G/WiFi
- GPS
- G-Sensor
- Alarm I/O
- AI Application
- Support Dual SD Cards



4ch

VVP-CB100

A.V.M 360° 3D Surround View Host

- 3D Viewpoint Switching:
0° 、 45° 、 180° 、 315°



Applicable to various vehicle types and industries

Easy to install without taking up space.

High Profile Ambarella Chip

Ambarella intelligent visual processor.

Parking monitoring, detecting abnormalities and automatically triggering video recording //

You can set the continuous video recording and shutdown time after ignition off.

Simultaneously record the driving images inside and outside the car.

Front and rear dual lenses, [support external 1CH camera](#).

Cloud Fast Streaming Device

Adopt GMS cloud management platform, API and VCP cloud protocol to connect with user platform.

Multiple communication protocols are provided.

Equipped with USB, RS232 and alarm I/O interfaces, supporting multiple vehicle system integration.

Two-way IP voice communication in the cloud

Built-in microphone and speaker, video recording and voice communication with the platform at the same time.

Optional network function and real-time tracking of vehicle information by GPS

4G+GPS and WiFi wireless network card module and external antenna



2CH
+1CH

VVA-CBE65

- 1080P
- H.265
- 4G/WiFi
- 105° front
- 120° rear view angle
- I/O input output
- G-Sensor
- GPS
- Support USB/RS232
- Support ACC

Dash Cam

CDR-E07D



2CH

- Front 1080P
- In-Car 720P
- Front View Angle 120°
- In-Car View Angle 130°
- H.264
- G-Sensor
- GPS
- External WiFi dongle

VG07 Cloud system



2CH

- Front 1080P
- In-Car 720P
- Front View Angle 120°
- In-Car View Angle 130°
- H.264
- G-Sensor
- GPS
- 4G/WiFi
- External WiFi dongle
- External 4G dongle

VG01 Cloud system



2CH

- View Angle 100°
- H.264
- G-Sensor
- GPS
- External WiFi dongle
- External Bluetooth Dongle

VVG-CBE15A



2CH

- View Angle 120°
- H.264
- G-Sensor
- simultaneous recording of sound outside and inside the vehicle.

VVG-CBN11B



1CH

- Wide Angle Horizontal 100°
- G-Sensor
- Event Recording by Push-Button
- High-Temperature Resistant Materials
- Awarded MIT Badge

VVG-CBN11A



1CH

- Wide Angle Horizontal 100°
- HD Resolution
- G-Sensor
- Event Recording by Push-Button
- High-Temperature Resistant Materials

VVH-MDE31D



2CH

- 4MP
- H.264
- G-Sensor
- GPS
- built-in gold capacitor
- External USB WiFi dongle

VVG-MDE56C



2CH

- 1080P
- H.264
- G-Sensor
- GPS(OBD)
- built-in gold capacitor
- External USB WiFi dongle

VVG-MDE56



1CH

- 1080P
- H.264
- G-Sensor
- built-in gold capacitor
- External USB WiFi dongle

VVH-MDE16



2CH

- D1
- H.264
- built-in gold capacitor
- External USB WiFi dongle

VVN-MDE58A



2CH

- 1080P
- H.264
- GPS
- G-Sensor
- built-in gold capacitor
- External USB WiFi dongle

VVG-MDE67A/B/C



2CH/1CH

- MDE67A:1080P(1CH)
- MDE67B:720P(2CH)
- MDE67C:1080P(2CH)
- H.264
- 4G/WiFi
- G-Sensor
- built-in gold capacitor

Wide Range of Applications



Multipurpose Device

built-in WiFi function for real-time viewing 、 playback 、 and backup.
Micro-Din connector is easy for wiring and can be connected with USB plug by the adapter cable.

Home Surveillance

Go out to use

Vehicle and motorbike Surveillance

VVG-CBE57A



- 1080P
- View Angle110°
- H.264
- WiFi
- Detachable Model

VVG-CBE59A



- 1080P
- View Angle110°
- H.264
- WiFi
- IP67
- built-in memory 32G



Ambarella Intelligent Vision Processor

Maximum Resolution: 5MP

Horizontal view angle 120°

Build-in 64GB Micro SD card

Drop-proof 1.5m
Water-proof comply with IEC IPX5

The dual Mic for field audio/video recording.

Internet-connected charger

Automatic backup of footage to the server when the device is charging



- With **high-resolution, low power consumption** remote 2-way communication, and real-time uploading for retention

- Unique internet communication technology with GMS system** establishes two-way communication between administrators and users

- GMS cloud management platform** supports cloud video streaming to interface events, devices, media, and clients' business platform

- SOS recording button** retains 15-second videos before and after events, and instantly uploads the videos to the cloud for backup and retention.

- Real-Time Browse** Multi-device login is available. Browse the monitoring screen immediately on mobile devices.



VVA-MDE68

- 5MP
- View Angle 120°
- H.264
- IPX5
- 4G
- GPS
- Built-in 64GB Micro SD card



Can be used with a network dock charger wired RJ45 transmission.

VVG-MDE55A

- 1080P
- View Angle 140°
- H.264
- Camera IP66
- 4G
- GPS
- Mobile Power Supply (DC 5V/2A)



VVG-MDE55

- 1080P
- View Angle 140°
- H.264
- Camera IP66
- External WiFi dongle
- External Bluetooth dongle
- Mobile Power Supply (DC 5V/2A)



Suitable for industries that need to store/communicate live images
such as: military, police, security, logistics, surveillance... etc.



Brand
original

Best for
in-vehicle systems



(32/64/128/256GB)

VACRON Smart Card

Provides ultra-high durability

Quality assurance and software consistency
make the product more stable

• Ultra high read and write frequency

Much higher than the general card repeated reading and writing 3 times.
(General card frequency 500-1000 times)

• Customizable cards

The industry's first memory card that integrates video equipment and memory card health information.

• SD card Storage Endurance

Warning signal when the SD card storage reliability falls below the set value,
users can check the card status through the device at any time.

SUITABLE FOR ALL KINDS OF COMPANIES

Building and Integrating AI Ecosystems

Through AI technology, easy to monitor and manage in-n-out fixed-point arithmetic of people and vehicles.

Quick response to an emergency, improve the management efficiency and lower labor cost.

RMTP Protocol

Access and Monitor Video
Anytime Anywhere

Quick Setup and
System Auto Maintenance

Manage large equipments at the same time

Manage more than 5000 mobile and fixed surveillance cameras which can also maintain high-quality videos at the same time.

Secure Storage Solution

GMS provides you with a secure, scalable, and flexible storage solution (Support NAS, AWS S3).

Smooth without live streaming latency

Support realtime streaming with less than 0.5-second lateness, two-way audio, and PTZ camera control to get the ideal view angle without a blind zone.





| Model | AVM-S265C | AVM-H265B | AVM-H265A |
|--------------|------------------|-----------|-----------|
| Resolution | 1080P | 720P | 960H |
| Pick Up | 1/2.9" SONY CMOS | 1/4" CMOS | 1/4" CMOS |
| Lens | 4mm | 2.6mm | 2.6mm |
| LEDs | | 10 PCS | |
| IR | | • | |
| IR Range | | 3M | |
| Illumination | | 0.1 LUX | |
| View Angle | H:80° | H:90° | H:90° |
| IP | | IP66 | |



| Model | AVM-S328C | AVM-S5926HD5 | AVM-S352C |
|--------------|------------------|------------------|------------------|
| Resolution | 1080P | 1080P | 1080P |
| Pick Up | 1/2.8" SONY CMOS | 1/2.8" SONY CMOS | 1/2.8" SONY CMOS |
| Lens | 2.9mm / 2.19mm | 2.8mm / 3.6mm | 2.8mm |
| LEDs | 11 PCS | 11 PCS | 6 PCS |
| IR | • | • | • |
| IR Range | 3~5M | 3-5M | 3M |
| Illumination | 0.01 LUX | 0.01 LUX | 0.01 LUX |
| View Angle | H:115° / H:150° | H:95° / H:85° | H:110° |
| IP | IP68 | IP68 | IP68 |



| Model | AVM-F232C | AVM-S333C | AVM-S225C |
|--------------|-----------------|------------------|------------------|
| Resolution | 1080P | 1080P | 1080P |
| Pick Up | 1/3" CMOS | 1/2.8" SONY CMOS | 1/2.9" SONY CMOS |
| Lens | 2.9mm / 2.19mm | 2.9mm / 2.19mm | 3.6mm / 2.8mm |
| LEDs | / | 4 PCS | / |
| IR | / | • | / |
| IR Range | / | 3-5M | / |
| Illumination | 0.1 LUX | 0.01 LUX | 0.1 LUX |
| View Angle | H:115° / H:150° | H:115° / H:150° | H:90° / H:110° |
| IP | IP68 | IP68 | IP66 |



| Model | AVM-S350C |
|--------------|------------------|
| Resolution | 1080P |
| Pick Up | 1/2.8" SONY CMOS |
| Lens | 2.8mm |
| LEDs | / |
| IR | / |
| IR Range | / |
| Illumination | 0.01 Lux |
| View Angle | H:120° |
| IP | / |